

Claims.

- 1). An improved tube made of a plastic material, comprising a lower part (1a) which is open for introduction of a product and closable after the introduction, and an upper part (1b) which exhibits a passage-hole (2) for exit of the product from the tube, wherein: the upper part (1b) comprises an opening (3), being
5 larger than the passage-hole (2) and arranged in a zone of the upper part (1b) in which the passage-hole (2) is to be made; wherein the tube comprises a reducer element (4) in which the passage-hole (2) is made, which reducer element (4) is conformed and arranged in order to fit sealingly in the opening (3).
- 2). The tube of claim 1, wherein: the opening (3) has a circular section and is
10 made on a perpendicular plane to an axis of the tube; the reducer element (4) comprises an external ring (4a) which fits into the opening (3); the passage-hole (2) is arranged concentrically to the external ring (4a).
- 3). The tube of claim 2, comprising a threaded mouth (1c) having a cylindrical shape and onto which a closure cap is screwed, at which threaded mouth (1c) the
15 opening (3) is afforded, wherein: the reducer element (4) comprises a disc (4b) which rests superiorly on the threaded mouth when the reducer element (4) is fitted into the opening (3); the reducer element (4) comprising a film (5) which is heat-welded onto an upper part of the disc (4b) in order to close the passage-hole (2).
- 20 4). The tube of claim 2, comprising a pressure-fit cap (6) provided with a stalk (6a) which sealingly inserts into the passage-hole (2), wherein the reducer element (4) comprises: an annular crown (4c) which rests on an internal wall of the upper part of the tube when the reducer element (4) fits into the opening (3); an internal ring which is concentric to the external ring (4a), and which defines

-9-

the passage-hole (2) and is destined to house the stalk (6a).

5). The tube of claim 1, wherein the upper part (1b) of the tube is made by injection moulding.

6). The tube of claim 1, wherein the lower part (1a) and the upper part (1b) of the tube are made in a single piece by injection moulding.

7). The tube of claim 4, wherein the pressure-fit cap (6) is made of a material which is different to and harder than a remaining part of the tube; the reducer element (4) being made of a same material as the remaining part of the tube.

8). The tube of claim 7, wherein the pressure-fit cap (6) is made of polypropylene; the remaining part of the tube and the reducer element (4) are made of polyethylene.

9). An improved tube made of a plastic material, comprising a lower part (1a) which is open for introduction of a product and closable after the introduction, and an upper part (1b) which exhibits a passage-hole (2) for exit of the product from the tube, and comprising a pressure-fit cap (6) provided with a stalk (6a) which sealingly inserts in the passage-hole (2), wherein: the pressure-fit cap (6) is made of a material which is different to and harder than a material used for a remaining part of the tube and is made by multiple injection-moulding of different plastic materials in a single piece with the remaining part of the tube.